

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/001129

## A. CLASSIFICATION OF SUBJECT MATTER

**IPC7: C23C 14/35, H01J 37/34**

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

**IPC7: C23C, H01J**

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

**SE,DK,FI,NO classes as above**

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

**EPO-INTERNAL, WPI DATA, PAJ**

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 0198553 A1 (CHEMFILT R & D AB), 27 December 2001 (27.12.2001), page 4, line 16 - page 6, line 7, figure 1, abstract --	1-34
X	US 5492606 A (BRUNO STAUDER ET AL), 20 February 1996 (20.02.1996), column 2, line 64 - column 4, line 53, figure 4 --	18
A	SURFACE & COATINGS TECHNOLOGY, Vol. 146-147, 2001, Jinliu Wang et al, "Tribological and optical properties of crystalline and amorphous alumina thin films grown by low-temperature reactive magnetron sputterdeposition", page 189 - page 194, see especially page 190, fig. 1 and abstract --	1-34

<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C.	<input checked="" type="checkbox"/> See patent family annex.
* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search	Date of mailing of the international search report
25 October 2004	02-11-2004
Name and mailing address of the ISA/ Swedish Patent Office Box 5055, S-102 42 STOCKHOLM Facsimile No. + 46 8 666 02 86	Authorized officer  Ingrid Grundfält/ELY Telephone No. + 46 8 782 25 00

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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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A	EP 1106709 A2 (APPLIED MATERIALS, INC.), 13 June 2001 (13.06.2001), column 5, line 28 - column 9, line 52, figures 5,7-9, abstract --	1-34
A	EP 1094493 A2 (APPLIED MATERIALS, INC.), 25 April 2001 (25.04.2001), column 4, line 31 - column 10, line 54, figures 3-6, abstract --	1-34
A	US 6413382 B1 (WEI WANG ET AL), 2 July 2002 (02.07.2002), column 3, line 57 - column 4, line 55, figure 1, abstract -- -----	1-34

**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

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				WO	0237529	A	10/05/2002